

## MEMORANDUM

To: CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 25-26, 2023

From: STEVEN KECK, Chief Financial Officer

Reference Number: 2.5b.(1), Action Item

Prepared By: Keith Duncan, Chief  
Division of Budgets

Subject: ALLOCATION FOR SHOPP PROJECTS  
RESOLUTION FP-22-44

### ISSUE:

Should the California Transportation Commission (Commission) approve an allocation of \$180,305,000 for 12 projects programmed in the State Highway Operation and Protection Program (SHOPP)?

### RECOMMENDATION:

The California Department of Transportation (Department) recommends that the Commission approve an allocation of \$180,305,000 for 12 SHOPP projects.

### BACKGROUND:

The attached vote list describes 12 SHOPP projects totaling \$180,305,000. The Department is ready to proceed with these projects, and is requesting an allocation at this time.

### FINANCIAL RESOLUTION:

Resolved that \$160,144,000 be allocated from the Budget Act of 2021, Budget Act Items 2660-302-0042, 2660-302-0890, and 2660-302-3290, and Non-Budget Act Item 2660-802-3290 for construction and \$20,161,000 for construction engineering for 12 SHOPP projects described on the attached vote list.

Attachments

*“Provide a safe and reliable transportation network that serves all people and respects the environment.”*

2.5 Highway Financial Matters

Project No. Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
---	---	---	---	------------------------

2.5b.(1) SHOPP Projects

Resolution FP-22-44

1 \$7,212,000	In Arcata, from Route 299/Route 101 Connector to 0.2 mile south of Giuntoli Lane Overcrossing.	01-2424 SHOPP/22-23	001-0042 SHA 001-0890 FTF	\$177,000 <u>\$1,369,000</u>
Humboldt 01-Hum-101 88.3/88.6	<u>Outcome/Output:</u> Construct auxiliary lane to improve merging movements by extending westbound Route 299 onramp to the Giuntoli Lane offramp.	CON ENG \$1,546,000 CONST \$5,042,000	20.10.201.310 2021-22 302-0042 SHA	\$1,546,000 \$650,000
	<u>Performance Measure:</u> Planned: 36.0, Actual: 36.0 Daily vehicle hour(s) of delay (DVHD)	0115000043 4 0E890	302-0890 FTF 20.20.201.310	<u>\$5,016,000</u> \$5,666,000

Preliminary		
<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$1,008,000	\$999,400
PS&E	\$1,329,000	\$800,393
R/W Sup	\$300,500	\$210,777

CEQA - ND, 10/1/2020; Re-validation 11/28/2022  
NEPA - CE, 10/1/2020; Re-validation 11/28/2022

Future consideration of funding approved under Resolution E-21-02; January 2021.

The CTC approved an addendum for the previously approved Future Consideration of Funding under Resolution E-23-09; January 2023.

2 \$34,091,000	Near Willits, from 1.1 miles north of West Road to 0.6 mile south of Haehl Creek Bridge. <u>Outcome/Output:</u> Rehabilitate pavement, replace concrete median barrier, rehabilitate drainage systems, and upgrade guardrail, signs, lighting, and Transportation Management System (TMS) elements. This project will extend the pavement service life and improve ride quality.	01-4677 SHOPP/22-23	505-3290 RMRA 001-0890 FTF	\$397,000 <u>\$3,060,000</u>
Mendocino 01-Men-101 R33.7/R43.2		CON ENG \$3,457,000 CONST \$47,888,000	20.10.201.121 2017-18 802-3290 RMRA	\$3,457,000 \$3,514,000
		0117000117 4 0H160	2021-22 302-0890 FTF 20.20.201.121	<u>\$27,120,000</u> \$30,634,000

Preliminary		
<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$561,000	\$538,138
PS&E	\$910,000	\$742,012
R/W Sup	\$33,000	\$2,209

CEQA - CE, 7/26/2021; Re-validation 11/18/2022  
NEPA - CE, 7/26/2021; Re-validation 11/18/2022

SB 1 Baseline Agreement approval under Resolution SHOPP-P-2122-03B; December 2021.

Performance Measure: Pavement (Planned: 37.5, Actual: 37.5 Lane mile(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	0.1	36.9	0.5	37.5
Post Condition	Lane mile(s)	37.5	0.0	0.0	37.5

**2.5 Highway Financial Matters**

Project No.	Allocation Amount	County	Dist-Co-Rte	Postmile	Location	Project Description	Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount	Project ID	Adv Phase	Budget Year Item # Fund Type Program Code	Amount by Fund Type
-------------	-------------------	--------	-------------	----------	----------	---------------------	------------------------------	--	------------	-----------	---	------------------------

**2.5b.(1) SHOPP Projects**

**Resolution FP-22-44**

3	\$9,767,000	Yuba	03-Yub-65	R0.5/1.8	In and near Wheatland, from 0.1 mile north of State Street to 0.3 mile north of Evergreen Drive.	<u>Outcome/Output:</u> Rehabilitate pavement, add bike lanes, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and construct Class 1 multi-use path, modify driveways, and enhance crosswalk visibility as complete streets elements, and add a traffic signal at the intersection with McDevitt Drive. This project will extend the pavement service life and improve ride quality.		03-9732	SHOPP/22-23		505-3290 RMRA 20.10.201.121	\$680,000
								CON ENG			2017-18	
								\$580,000				
								CONST			802-3290 RMRA	\$9,087,000
								\$7,650,000			20.20.201.121	
								0315000151				
								4				
								0H370				

Preliminary

<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$500,000	\$441,788
PS&E	\$1,113,000	\$1,090,668
R/W Sup	\$510,000	\$383,199

CEQA - CE, 4/28/2021; Re-validation 11/29/2022

NEPA - CE, 4/28/2021; Re-validation 11/29/2022

Additional Contribution: \$100,000 CONST from City of Wheatland.

Performance Measure: Pavement (Planned: 2.5, Actual: 2.5 Lane mile(s))

	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	1.1	0.7	0.7	2.5
Post Condition	Lane mile(s)	2.5	0.0	0.0	2.5

**2.5 Highway Financial Matters**

Project No.	Allocation Amount	County	Dist-Co-Rte	Postmile	Location	Project Description	Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount	Budget Year	Amount by
								Project ID	Item # Fund Type	Fund Type
								Adv Phase	Program Code	
								EA		

**2.5b.(1) SHOPP Projects**

**Resolution FP-22-44**

4	\$74,431,000	Alameda	04-Ala-880	R0.0/11.8	In Fremont, from Santa Clara County line to 0.4 mile north of Fremont Boulevard Overcrossing.			04-1454G	505-3290 RMRA	\$742,000
					<u>Outcome/Output:</u> Rehabilitate pavement by grinding and overlaying with Rubberized Hot Mix Asphalt (RHMA-G) and Open Graded Friction Course (OGFC), upgrade curb ramps to Americans with Disabilities Act (ADA) standards, upgrade metal beam guardrail, and replace loop detectors. This project will extend the pavement service life and improve ride quality.			SHOPP/21-22	001-0890 FTF	<u>\$5,728,000</u>
								CON ENG	20.10.201.121	\$6,470,000
								\$5,400,000		
								CONST	2017-18	
								\$57,166,000	802-3290 RMRA	\$5,729,000
								0417000010	2021-22	
								4	302-0890 FTF	<u>\$62,232,000</u>
								2K700	20.20.201.121	\$67,961,000

Preliminary

<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$3,000,000	\$2,999,165
PS&E	\$7,050,000	\$6,964,036
R/W Sup	\$620,000	\$136,204

CEQA - CE, 12/5/2019; Re-validation 6/1/2022

NEPA - CE, 12/5/2019; Re-validation 6/1/2022

Amendment to allocation time extension for an additional five months, for a total of nine months, for CONST and CON ENG approved under Waiver 22-167; October 2022.

Additional Contribution: \$6,775,000 CONST and \$670,000 CON ENG in local funds from Bay Area Infrastructure Financing Authority (BAIFA).

SB 1 Baseline Agreement approval under Resolution SHOPP-P-1920-09B; June 2020.

Performance Measure: Pavement (Planned: 90.1, Actual: 90.1 Lane mile(s))

	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	49.3	40.8	0.0	90.1
Post Condition	Lane mile(s)	90.1	0.0	0.0	90.1

2.5 Highway Financial Matters

Project No. Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
---	---	---	---	------------------------

2.5b.(1) SHOPP Projects

Resolution FP-22-44

5 \$6,206,000  Napa 04-Nap-29 16.5/19.0	In and near Yountville, at Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). <u>Outcome/Output</u> : Upgrade bridge rails and widen shoulders to make standard.	04-1494E SHOPP/21-22 CON ENG \$1,500,000 CONST \$5,981,000 0416000111 4 OK630	505-3290 RMRA 20.10.201.112  2021-22 302-3290 RMRA 20.20.201.112	\$1,500,000   \$4,706,000
--	--	---	---	------------------------------------

Engineering	Budget	Expended
PA&ED	\$2,600,000	\$2,597,403
PS&E	\$1,770,800	\$1,683,345
R/W Sup	\$350,000	\$70,383

CEQA - ND, 10/15/2020; Re-validation 12/1/2022  
NEPA - CE, 10/19/2020; Re-validation 12/1/2022

Future consideration of funding approved under Resolution E-20-114; December 2020.

Seven month allocation time extension for CONST and CON ENG approved under Waiver 22-73; June 2022.

Concurrent Amendment under SHOPP Amendment 22H-006; January 2023.

Performance Measure: Bridges (Planned: 3, Actual: 3 Bridge(s))					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Linear feet rail	190.0	498.0	0.0	688.0
Post Condition	Linear feet rail	835.0	0.0	0.0	835.0

**Bridge Health**

Bridge Number	Exist. Condition	Post Condition
21-0014	Good	Good
21-0047	Fair	Fair
21-0051	Good	Good

6 \$4,201,000  Riverside 08-Riv-10 R59.3/R59.5	In Coachella, from 0.4 mile to 0.6 mile east of Dillon Road. <u>Outcome/Output</u> : Replace existing Weigh-In-Motion (WIM) system and install Changeable Message Sign (CMS).	08-3012H SHOPP/22-23 CON ENG \$773,000 CONST \$2,942,000 0818000097 4 1J700	001-0042 SHA 20.10.201.321  2021-22 302-0042 SHA 20.20.201.321	\$900,000   \$3,301,000
---	---	---	---	----------------------------------

CEQA - CE, 7/28/2021; Re-validation 10/10/2022  
NEPA - CE, 7/28/2021; Re-validation 10/10/2022

Performance Measure: (Planned: 1, Actual: 1 Weigh in Motion Scales)					
	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0.0	0.0	1.0	1.0
Post Condition	Each	1.0	0.0	0.0	1.0

2.5 Highway Financial Matters

Project No. Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
---	---	---	---	------------------------

2.5b.(1) SHOPP Projects

Resolution FP-22-44

7 \$4,959,000	In Murrieta and Wildomar, from Route 215 to 0.3 mile north of Clinton Keith Road. <u>Outcome/Output:</u> Enhance highway worker safety by installing Maintenance Vehicle Pullouts (MVPs), slope paving, paving beyond gore areas, and installing vegetation control.	08-3007Q SHOPP/22-23 CON ENG \$589,000 CONST \$3,830,000 0816000099 4 1G890	001-0042 SHA 001-0890 FTF 20.10.201.235  2021-22 302-0042 SHA 302-0890 FTF 20.20.201.235	\$59,000 <u>\$641,000</u> \$700,000  \$359,000 <u>\$3,900,000</u> \$4,259,000
------------------	--	---	---	---

Performance Measure:  
Planned: 33, Actual: 32 Location(s)

Preliminary	Budget	Expended
<u>Engineering</u>		
PA&ED	\$356,000	\$345,042
PS&E	\$677,400	\$625,397
R/W Sup	\$11,000	\$6,356

CEQA - CE, 6/25/2021; Re-validation 7/29/2022  
NEPA - CE, 6/25/2021; Re-validation 7/29/2022

8 \$3,334,000	In and near Murrieta, from Murrieta Hot Springs Road to Bundy Canyon Road. <u>Outcome/Output:</u> Upgrade facilities to Americans with Disabilities Act (ADA) standards.	08-3012C SHOPP/22-23 CON ENG \$996,000 CONST \$1,900,000 0818000090 4 1J670	001-0042 SHA 001-0890 FTF 20.10.201.361  2021-22 302-0042 SHA 302-0890 FTF 20.20.201.361	\$93,000 <u>\$1,007,000</u> \$1,100,000  \$188,000 <u>\$2,046,000</u> \$2,234,000
------------------	--	---	---	---

CEQA - CE, 5/10/2021; Re-validation 9/8/2022  
NEPA - CE, 5/10/2021; Re-validation 9/8/2022

Performance Measure: Curb ramps (Planned: 26, Actual: 26 )

	Unit	Good	Fair	Poor	Quantity
Existing Condition	Each	0.0	0.0	26.0	26.0
Post Condition	Each	26.0	0.0	0.0	26.0

2.5 Highway Financial Matters

Project No. Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
---	---	---	---	------------------------

2.5b.(1) SHOPP Projects

Resolution FP-22-44

9 \$8,656,000 Riverside 08-Riv-15 50.6/52.27	In Jurupa Valley, from 0.5 mile north of Cantu-Galleano Ranch Road to the San Bernardino County line; on Route 60 from the San Bernardino County line to 0.1 mile east of Etiwanda Avenue (PM R0.0/R2.1); also in San Bernardino County in Ontario on Route 60, from 0.3 mile east of South Haven Avenue to 0.4 mile west of Milliken Avenue (PM R9.2/R9.5). <u>Outcome/Output:</u> Enhance highway worker safety by paving beyond gore areas, adding Maintenance Vehicle Pullouts (MVPs), and installing vegetation control.	08-3008T SHOPP/22-23 CON ENG \$1,272,000 CONST \$6,962,000 0817000142 4 1H850	001-0042 SHA 001-0890 FTF 20.10.201.235  2021-22 302-0042 SHA 302-0890 FTF 20.20.201.235	\$173,000 <u>\$1,337,000</u> \$1,510,000  \$820,000 <u>\$6,326,000</u> \$7,146,000
--	---	---	---	--

Performance Measure:

Planned: 106, Actual: 106 Location(s)

Preliminary

<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$620,000	\$619,746
PS&E	\$913,000	\$885,811
R/W Sup	\$33,000	\$23,059

CEQA - CE, 6/3/2021; Re-validation 10/6/2022

NEPA - CE, 6/3/2021; Re-validation 10/6/2022

10 \$3,941,000 Merced 10-Mer-99 24.5/28.2	Near Atwater, from 0.5 mile south of Westside Boulevard to 0.8 mile south of Hammatt Avenue. <u>Outcome/Output:</u> Upgrade guardrail to current standards. This project will reduce the number and severity of collisions.	10-3442 SHOPP/22-23 CON ENG \$783,000 CONST \$3,224,000 1013000245 4 0Y610	001-0890 FTF 20.10.201.015  2021-22 302-0042 SHA 302-0890 FTF 20.20.201.015	\$786,000  \$63,000 <u>\$3,092,000</u> \$3,155,000
---	---	--	---	--

Performance Measure:

Planned: 5, Actual: 5 Collision(s) reduced

Preliminary

<u>Engineering</u>	<u>Budget</u>	<u>Expended</u>
PA&ED	\$677,000	\$410,111
PS&E	\$1,374,000	\$464,800
R/W Sup	\$20,000	\$759

CEQA - CE, 5/17/2021; Re-validation 10/31/2022

NEPA - CE, 5/17/2021; Re-validation 10/31/2022

2.5 Highway Financial Matters

Project No. Allocation Amount County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	PPNO Program/Year Phase Prgm'd Amount Project ID Adv Phase EA	Budget Year Item # Fund Type Program Code	Amount by Fund Type
---	---	---	---	------------------------

2.5b.(1) SHOPP Projects

Resolution FP-22-44

11 \$22,739,000	In Encinitas and Carlsbad, from 0.5 mile south of Leucadia Boulevard to 0.1 mile north of Palomar Airport Road. <u>Outcome/Output</u> : Construct southbound auxiliary lane, realign off and onramps, add complete streets improvements, and upgrade facilities to Americans with Disabilities Act (ADA) standards. This is a Construction Manager/General Contractor (CMGC) project.	11-1320 SHOPP/22-23 CON ENG \$1,231,000 CONST \$21,508,000 1118000134 4 43041	001-0042 SHA 001-0890 FTF 20.10.201.310 2021-22 302-0042 SHA 302-0890 FTF 20.20.201.310	\$104,000 <u>\$1,127,000</u> \$1,231,000 \$1,813,000 <u>\$19,695,000</u> \$21,508,000																				
<p><u>Performance Measure</u>: Planned: 550.0, Actual: 260.0 Daily vehicle hour(s) of delay (DVHD)</p> <table border="1"> <thead> <tr> <th colspan="4">Preliminary</th> </tr> <tr> <th>Engineering</th> <th>Budget</th> <th>Expended</th> <th></th> </tr> </thead> <tbody> <tr> <td>PA&amp;ED</td> <td>\$0</td> <td>\$0</td> <td></td> </tr> <tr> <td>PS&amp;E</td> <td>\$400,000</td> <td>\$220,156</td> <td></td> </tr> <tr> <td>R/W Sup</td> <td>\$50,000</td> <td>\$872</td> <td></td> </tr> </tbody> </table> <p>CEQA - EIR, 10/23/2013; Re-validation 10/14/2022 NEPA - EIS, 10/23/2013; Re-validation 10/14/2022</p> <p>Future consideration of funding approved under Resolution E-14-11; March 2014.</p> <p>EA 43041/PPNO 11-1320 combined with non-SHOPP EA 2T359/PPNO 11-0615I for construction under EA 2T36U/Project ID 1122000243.</p> <p>Related non-SHOPP allocation for EA 2T359/PPNO 11-0615I under Resolution FP-22-47, January 2023.</p>					Preliminary				Engineering	Budget	Expended		PA&ED	\$0	\$0		PS&E	\$400,000	\$220,156		R/W Sup	\$50,000	\$872	
Preliminary																								
Engineering	Budget	Expended																						
PA&ED	\$0	\$0																						
PS&E	\$400,000	\$220,156																						
R/W Sup	\$50,000	\$872																						
12 \$768,000	In Fullerton, at the northbound offramp to Magnolia Avenue. <u>Outcome/Output</u> : Install High Friction Surface Treatment (HFST) to improve safety. This project will reduce the number and severity of collisions.	12-2862G SHOPP/22-23 CON ENG \$281,000 CONST \$487,000 1220000060 4 0S390	001-0042 SHA 20.10.201.010 2021-22 302-0042 SHA 20.20.201.010	\$281,000 \$487,000																				
Orange 12-Ora-5 41.8	<p><u>Performance Measure</u>: Planned: 14, Actual: 14 Collision(s) reduced</p> <table border="1"> <thead> <tr> <th colspan="4">Preliminary</th> </tr> <tr> <th>Engineering</th> <th>Budget</th> <th>Expended</th> <th></th> </tr> </thead> <tbody> <tr> <td>PA&amp;ED</td> <td>\$130,000</td> <td>\$118,378</td> <td></td> </tr> <tr> <td>PS&amp;E</td> <td>\$306,000</td> <td>\$218,174</td> <td></td> </tr> <tr> <td>R/W Sup</td> <td>\$0</td> <td>\$0</td> <td></td> </tr> </tbody> </table> <p>CEQA - CE, 2/9/2022; Re-validation 11/17/2022 NEPA - CE, 2/9/2022; Re-validation 11/17/2022</p> <p>Concurrent Amendment under SHOPP Amendment 22H-006; January 2023.</p>	Preliminary				Engineering	Budget	Expended		PA&ED	\$130,000	\$118,378		PS&E	\$306,000	\$218,174		R/W Sup	\$0	\$0				
Preliminary																								
Engineering	Budget	Expended																						
PA&ED	\$130,000	\$118,378																						
PS&E	\$306,000	\$218,174																						
R/W Sup	\$0	\$0																						